



**COUNTY OF LOS ANGELES  
FIRE DEPARTMENT  
FIRE PREVENTION DIVISION**

## **DUST-PRODUCING OPERATIONS PERMIT REQUIREMENTS**

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Article 1, section 105 of the Los Angeles County Fire Code states... a permit shall be obtained from the Fire Prevention Division prior to engaging in the following: ... to operate a grain elevator, flour starch mill, feed mill, or plant pulverizing aluminum, coal, cocoa, magnesium, spices, sugar or other operation producing combustible dusts as defined in Article 2. See Articles 30 and 76. Additional requirements may be applicable.

Enclosures Dust-producing and dust-agitating machinery, such as grinding mills and separators, and elevators, elevator legs, spouts, hoppers and other conveyors shall be provided with casing or enclosures maintained as nearly dust-tight as possible.

Separators Approved magnetic or pneumatic separators shall be installed ahead of shellers, crackers, crushers, grinding machines, pulverizers and similar machines in which the entrance of foreign materials could cause sparks to be generated.

Dust Control Equipment or machinery located inside buildings which generates or emits combustible dust shall be provided with an approved dust-collection and exhaust system installed in conformance with Article 76 and the Mechanical code. Equipment or systems that are used to collect, process or convey combustible dusts shall be provided with an approved explosion-control system.

Dust Collection Suitable dust-collecting equipment shall be installed on all dust-producing machinery and interlocked with the machinery power supply so that the machinery cannot be operated without the dust-collection equipment also operating.

Housekeeping Accumulation of dust shall be kept to a minimum in the interior of buildings. Accumulated dust on floors and other surfaces shall be collected by vacuum cleaning. Forced-air or similar devices shall not be used to remove dust from surfaces.

Electrical Grounding Artificial lighting in areas containing dust-producing or dust-agitating operations shall be by electricity with wiring and electrical equipment installed in accordance with the Electrical code. Machinery and metal parts of crushing, drying, pulverizing and conveying systems shall be electrically grounded in accordance with the Electrical Code. Static electricity shall be removed from machinery and other component parts by permanent grounds or bonds or both. The design and installation of such grounds shall be in accordance with approved standards.

Smoking and Open Flames Smoking and the carrying of matches, the use of heating or other devices employing an open flame, and use of spark-producing equipment shall be prohibited in areas containing dust-producing or dust-agitating operations.

Explosion Control Buildings in which flammable or explosive dusts are manufactured, processed, or generated shall be provided with explosion control in accordance with the Building Code.

Additional  
Requirements \_\_\_\_\_

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